

AD A 052859

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**SPECIAL DATA COLLECTION SYSTEM EVENT REPORT**  
**Eastern Kazakh, SSR, 30 October 1976**

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**February 1978**

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SDCS Event Report No. 119  
 Eastern Kazakh, SSR, 30 October 1976

This event report contains seismic data from the Special Data Collection System (SDCS), and other sources for the above event. Published epicenter information from seismic observations is:

	"P" Arrival	Origin Time	Lat.	Long.	$m_b$	$M_s$
LASA	05:09:31.3	Unpublished	46.9N	079.3E	4.6	N/A
Hagfors	05:04:08.6	04:56:36	48N	081E	4.6	N/A

All SDCS stations were operational during this time period and positive short-period signals were recorded at RK-ON and OB2NV. Horizontal channels were rotated. Long-period at all SDCS stations was negative.

LASA data is reported from the LASA Data Center Teleseismic Report. Hagfors data is from their bulletin.

There were no tapes recorded from the SDAC/VELA detection processor for this time period, therefore, no LASA or NORSAR waveform data is available.

Scaling factors on plots are millimicrons at 1 Hz (not corrected for instrument response)

ACCESSION for	
WHS	White Section <input checked="" type="checkbox"/>
WCS	Grey Section <input type="checkbox"/>
UNANNOUNCED	<input type="checkbox"/>
JUSTIFICATION.....	
BY.....	
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Dist.	AVAIL. and/or SPECIAL
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## STATION DESCRIPTION

SITE CODE	LOCATION	SITE COORDINATES DEG MN SECS	ELEVATION METERS	INSTRUMENTATION	
				SHORT-PERIOD	LONG-PERIOD
HN-ME	Houlton, Maine	46 09 43.0 N 067 59 09.0 W	213	KS36000	KS36000
RK-ON	Red Lake, Ontario	50 50 20.0 N 093 40 20.0 W	366	18300	SL210 V SL220 H
OB2NV	Nevada Test Site	37 13 31.0 N 116 03 28.0 W		18300	N/A
NT-NV	Nevada Test Site	31 16 33.0 N 116 25 06.0 W		18300	N/A
NT2NV	Nevada Test Site	37 15 16.0 N 116 18 13.0 W		18300	N/A
LASA	Billings, Montana	46 41 19.0 N 106 13 20.0 W	744	HS10	7505A V 8700C H
NORSAR	Kjeller, Norway	60 49 25.4 N 010 49 56.5 E	379	HS10	7505A V 8700C H

PREDA -- TRAVEL TIME PREDICTIONS --

30OCT INPUT FOR EVENT 30 OCT 76  
04:57:00.0 50.000N 79.000E 0KM.

STA.		TIME	SURF( (KM.) TRAV.TIME	DIST DEG. KM.	AZI EVT-STA STA-EVT
HFS	P	05 04 11.9	7:11.9	37.22 4138.9727	311.262 75.749
NAO	P	05 04 22.0	7:22.0	38.42 4271.7109	312.945 74.590
RK-ON	P	05 09 06.5	12:06.5	79.34 8822.7148	355.280 4.804
HN-ME	P	05 09 10.3	12:10.3	80.03 8898.9531	337.387 20.915
LAO	P	05 09 29.0	12:29.0	83.59 9294.4375	3.615 356.611
NT-NV	P	05 10 10.2	13:10.2	92.0410234.0000	12.252 350.115
NT2NV	P	05 10 10.4	13:10.4	92.0810238.4727	12.152 350.198
OB3NV	P	05 10 10.5	13:10.5	92.1310244.2227	11.973 350.344
OB2NV	P	05 10 10.5	13:10.5	92.1410244.9961	11.977 350.342

67 HERRIN TRAVEL TIME TABLES

SURF			
2	.	5	
0	2	.	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0

95 PERCENT CONFIDENCE ON DEPTH CHISQUARE WITH DISTANCE VARIANCE = ± 0.000

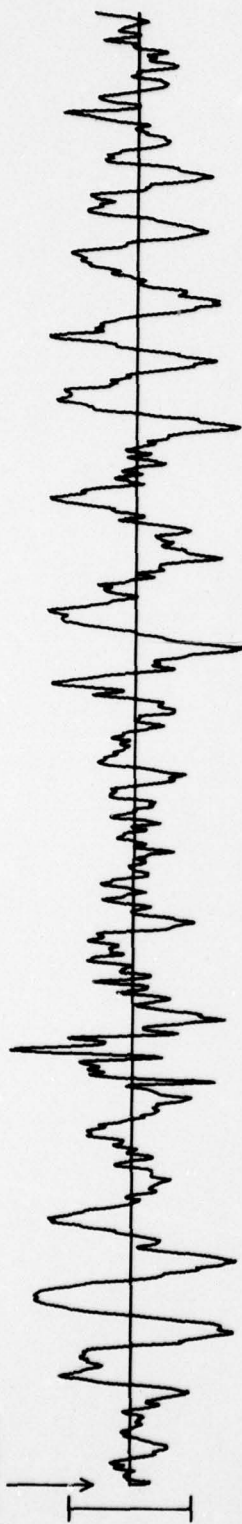
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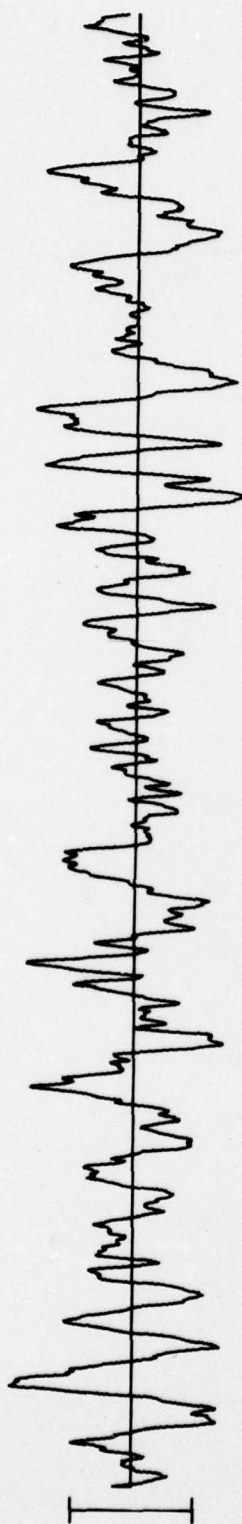
RK-ON 30 OCT 76

05:08:50.0

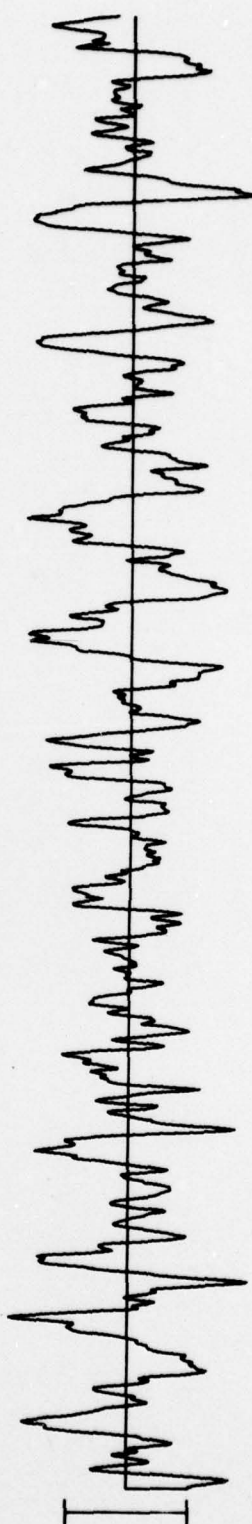
SPZ  
13.80 MU



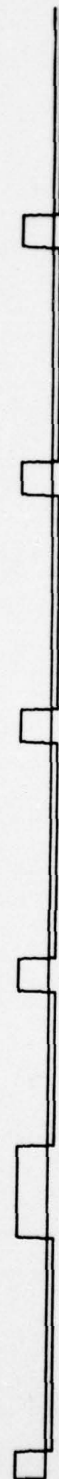
SPR  
11.61 MU



SPT  
8.80 MU



TIME



10 SEC

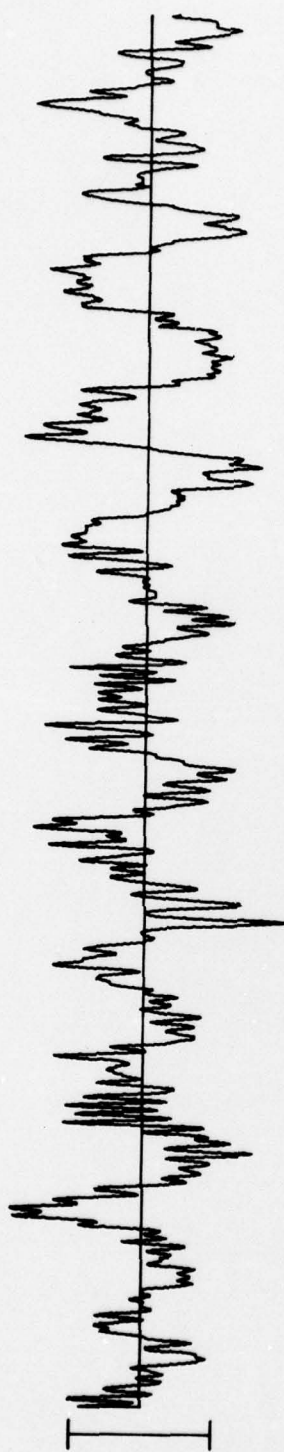
QB2NV 30 OCT 76

05:09:58.0

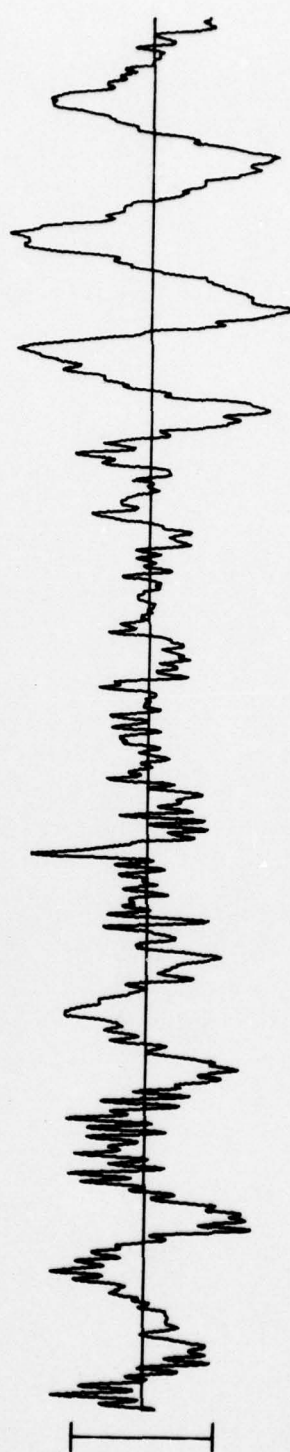
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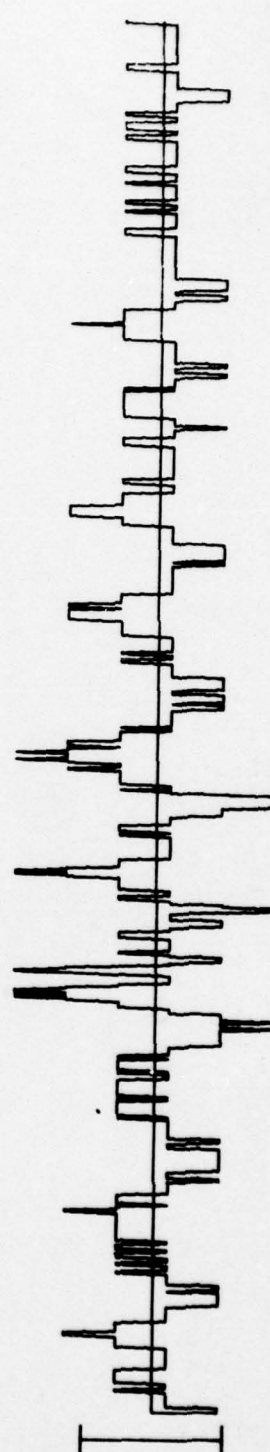
SPR  
1.70 MU



SPT  
2.50 MU



SPZLO  
3.12 MU



10 SEC